

# Eco Steam and Heating Solutions



# Reliable Solutions

## Stability and **reliability**

Eco was founded in 1983 and consists of two companies. Eco Ketelservice Verhuur bv rents steam, hot water and warm water installations plus all required accessories and takes away all of your concerns with engineering including the implementation of corresponding activities (Plug and Play). Eco Steam Trading & Consultancy bv sells, engineers and installs complete boiler houses for you, turnkey, with Bosch Thermotechnology components.

In both cases we deliver high-quality, robust and CE-certified systems that function smoothly from the moment they are commissioned. Our products ensure stability and reliability within your organisation or manufacturing process. Quality is a common thread running throughout our Eco organisation. We are ISO 9001, ISO 14001 and SCC Petrochemical certified.

Do you need a temporary steam, hot water or warm water system to tide you over for a certain period? Or is your current steam, hot water or warm water installation in need of replacement? Temporary or permanent: Eco meets your energy needs.



2,000 kg steam boiler in 20-foot container

Pneumatex in 20-foot container



250 kW warm water boiler in 10-foot container



# Temporary Solutions

## The **best option** as standard

The total capacity of the combined rental boilers is 590 tonnes of steam per hour and 640 MWth warm and/or hot water per hour. These installations satisfy all legal requirements and regulations in the area of PED 97/23/EC, as well as all applicable environmental, noise and safety requirements.

All of our boiler installations are constructed in the same uniform manner and are equipped with sustainable and high-quality parts. In addition to this high degree of standardisation, we have all parts in stock. As a result we can guarantee that our service personnel will resolve any breakdown quickly. They are ready to help you 24 hours a day, 365 days a year.



Oil tank in 20-foot container



Whether it is for 2 days or for 2 years, Eco Ketelservice Verhuur bv delivers temporary steam, hot water and warm water solutions throughout Europe for as long as you need it. Our range of rental products consists of more than 380 modern systems and accessories that are required to make a system complete.

## Everything arranged **for you**

Whether setting up a complete new boiler house or upgrading an existing boiler house, it is always about customisation. Often these are complex, long-term projects in which your specific requirements and wishes are always our starting point. From the moment we take your order to the engineering and on to the final installation and commissioning, you will deal with a single designated contact person at Eco. He is the engineer that advises you and the project leader that manages the overall process. Even after the commissioning you can count on our continued support during operation.



Eco Steam Trading & Consultancy bv is Bosch Thermotechnology's exclusive representative for the Netherlands. In the Netherlands we can deliver the full range of Bosch boiler house products. This can also include new construction projects abroad for Dutch clients. In that case we work together closely with our official partners from the global Bosch network.

# Permanent Solutions



Bosch, type UM-B 1030x13, 800 kg steam with economiser, deaerator and water softener in a 40-foot container

# Efficient Solutions

## High efficiency, low emissions

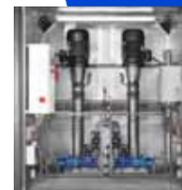
All of Eco's systems satisfy the NOx emissions requirements as laid down in the Dutch Activities Decree [Activiteitenbesluit] which will take effect as of 2017. Additionally our systems satisfy the noise standards in the Dutch Building Decree [Bouwbesluit]. Considering the strict requirements of these Decrees, Eco systems can be installed anywhere in Europe smoothly.

The base efficiency of our Bosch boiler systems is already high. By using an electronically operated burner, economiser and flue gas heat exchanger, we can further increase the boiler efficiency for you. We believe that Socially Responsible Enterprise (SRE) is important. Eco is therefore happy to advise you on setting up an efficient and environmentally sound boiler house.

Deaerator in 20-foot container



2,000 kW warm water boiler in 20-foot container



Eco rents and sells modern steam, hot water and warm water installations that enable you to work in an efficient, environmentally sound and cost effective manner. We ensure that you achieve the highest possible efficiency. We are able to do so because we use the latest energy efficient technologies and parts in our systems.

Eco has the knowledge and experience to equip an installation according to the latest state of the art. Major themes for which we offer you suitable solutions include improved efficiency, heat recovery, noise reduction and absorption, monitoring the combustion process and reducing NOx. In these areas we will continue to stay ahead on your behalf.

# Innovative Solutions

## Automation and digitisation

Thanks to the high degree of automation and use of our advanced safety techniques, our systems are suitable for 'fully unsupervised operation'. If so desired we can fit the Bosch boiler installations with a BCO (Boiler Control), Siemens touch screen for controlling a steam boiler and/or SCO (System Control) touch screen for controlling a complete boiler house installation. The oil tanks in our range of rental products are equipped with an LCS (Level Control System) that enable remote monitoring on the Internet.

500 kW warm water boiler in container





## Eco offers **more!**

At **[www.eco-steamandheating.com](http://www.eco-steamandheating.com)** you can read all about the temporary and permanent solutions that we can offer you with our steam, hot water and warm water installations. Here you will also find an extensive overview of the systems we offer for hire.

To contact us directly, call +31 (0)13 583 94 40.



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